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**RBW7110G00131-8G****Job Sheet 188300****Part No:** RBW7110G00131-8G**Job Qty:** 1 pcs**Part Name:** Sling, Rear Sliding Cowling Lifting Tool**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 1/7/19**Job Tracking No:****Due Date:** 3/4/19**Created By:** Patrick Lussier**Type:** Stock**Description:****Note:** DWG RBW7110G00131-8G Rev.1 IPP Rev. A 19.01.04 New issue DP Verify DD**Ship Via:****Bill of Materials**

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**Container No:** S162391**Part:** RBW7110G00131-8G**Job No:** 188300**Serial No/Batch:** S162391**Revision:** B**Inspector:****Exp Date:****Instructions:****Date:** 03/14/19

| Job Routing |                               |       |            |          |           |         |                       |           |                         |
|-------------|-------------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------------------|
| Op No       | Operation                     | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                |
|             |                               |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                         |
| 100         | Purchasing                    | 1 pcs | DP         | 3/4/19   | 0.00      | 0.00    | Purchasing - 1        |           | DP MAR 14 2019          |
|             |                               |       |            |          |           |         | Purchasing - 2        |           |                         |
|             |                               |       |            |          |           |         | Purchasing - 3        |           |                         |
| 110         | Packaging 2-1 - Receive - B4B | 1 pcs |            | 3/4/19   | 0.00      | 0.00    | Packaging 2 - 1 - B4B |           | DP MAR 14 2019          |
|             |                               |       |            |          |           |         | Packaging 2 - 2 - B4B |           |                         |
|             |                               |       |            |          |           |         | Packaging 2 - 3 - B4B |           |                         |
| 120         | QC 6                          | 1 pcs |            | 3/4/19   | 0.00      | 0.00    | QC 6 - 38             |           | DAS MAR 18 2019 68 9-89 |
|             |                               |       |            |          |           |         | QC 6 - 42             |           |                         |
|             |                               |       |            |          |           |         | QC 6 - 9              |           |                         |
|             |                               |       |            |          |           |         | QC 6 - 68             |           |                         |
|             |                               |       |            |          |           |         | QC 6 - 61             |           |                         |
| 130         | Small Fab - 2 - B4B           | 1 pcs |            | 3/4/19   | 0.00      | 1.00    | Small Fab - 1 - B4B   |           | ALL                     |
|             |                               |       |            |          |           |         | Small Fab - 2 - B4B   |           |                         |
|             |                               |       |            |          |           |         | Small Fab - 3 - B4B   |           |                         |
|             |                               |       |            |          |           |         | Small Fab - 4 - B4B   |           |                         |
|             |                               |       |            |          |           |         | Small Fab - 5 - B4B   |           |                         |
|             |                               |       |            |          |           |         | Small Fab - 6 - B4B   |           |                         |
|             |                               |       |            |          |           |         | Small Fab - 7 - B4B   |           |                         |
| 140         | QC 5                          | 1 pcs |            | 3/4/19   | 0.00      | 0.00    | QC 5 - 10             |           | DAS MAR 26 2019 40 9-89 |
|             |                               |       |            |          |           |         | QC 5 - 12             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 17             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 18             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 19             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 22             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 24             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 3              |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 38             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 42             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 43             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 49             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 51             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 58             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 68             |           |                         |
|             |                               |       |            |          |           |         | QC 5 - 9              |           |                         |
| 150         | Packaging 3-1 - Stock - B4B   | 1 pcs |            | 3/4/19   | 0.00      | 0.00    | Packaging 3 - 1 - B4B |           | 9-89                    |
|             |                               |       |            |          |           |         | Packaging 3 - 2 - B4B |           |                         |
|             |                               |       |            |          |           |         | Packaging 3 - 3 - B4B |           |                         |
|             |                               |       |            |          |           |         | Packaging 3 - 4 - B4B |           |                         |
|             |                               |       |            |          |           |         | Packaging 3 - 5 - B4B |           |                         |
| 160         | QC 21 - FG                    | 1 pcs |            | 3/4/19   | 0.00      | 0.00    | QC 21 - FG - 21       |           | DAS MAR 26 2019 9-89    |

Part Op 100 - Issue P/O: 042193 MANUFACTURE RBW7110G00131-8G AS PER DWG Supplier: METEC Certificate of Descriptions: conformity is required

130 - 1-Engrave placard RB41011 using MARKTRONIC engraver. 2-Transfer drill placard as per DWG.. 3-Deburr as required. 4-Install placard using #2 drive screws. 5-Install sticker as per DWG.

xl in hms 07 Jan 2019.

## Job BOM

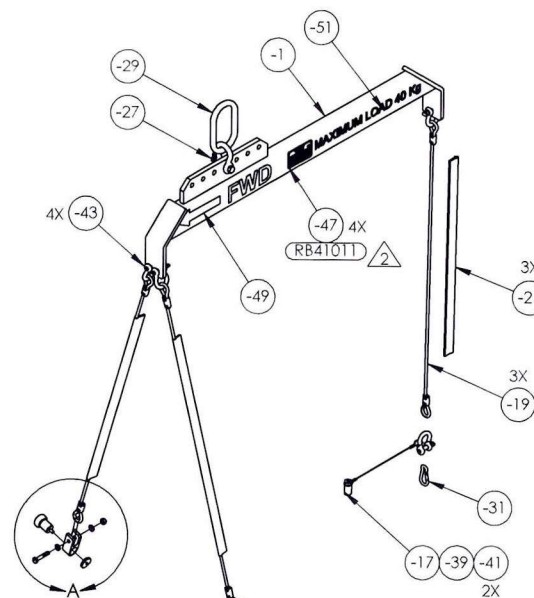
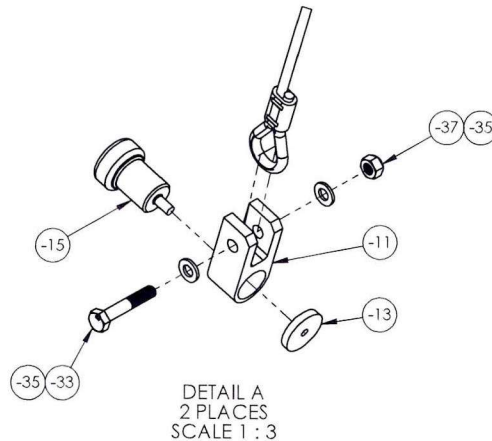
| Part / Item         | Component Name                           | Quantity     | Operation               | Container |
|---------------------|------------------------------------------|--------------|-------------------------|-----------|
| RBW7110G00131-8GP   | Sling, Rear Sliding Cowling Lifting Tool | 1 (1 ea)     | 100-Purchasing          | 5162389   |
| 90081A077           | Drive Screw #2 1/4" Long                 | 4 Ea (4 ea)  | 130-Small Fab - 2 - B4B | 5045890   |
| RB41011             | Dart Tooling Placard, Aluminum           | 1 Ea (1 ea)  | 130-Small Fab - 2 - B4B | 5021040   |
| RBW7110G00131-8G-49 | Sticker                                  | 1 pcs (1 ea) | 130-Small Fab - 2 - B4B | 5147278   |
| RBW7110G00131-8G-51 | Sticker                                  | 1 pcs (1 ea) | 130-Small Fab - 2 - B4B | 5147282   |

| Job Allocations                    |                     |          |           |           |
|------------------------------------|---------------------|----------|-----------|-----------|
| Operation                          | Component Part      | Required | Inventory | Allocated |
| 100-Purchasing                     | RBW7110G00131-8GP   | 1        | 0         | 0         |
| 130-Small Fab - 2 - B4B            | 90081A077           | 4        | 18        | 0         |
|                                    | RB41011             | 1        | 495       | 0         |
|                                    | RBW7110G00131-8G-49 | 1        | 0         | 0         |
|                                    | RBW7110G00131-8G-51 | 1        | 0         | 0         |
| Part Specifications                |                     |          |           |           |
| Specifications could not be found. |                     |          |           |           |

Plex 1/7/19 2:27 PM dart.Lussier.Patrick

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| REVISIONS |     |                          |           |          |
|-----------|-----|--------------------------|-----------|----------|
| REV       | ECR | DESCRIPTION              | DATE      | INITIAL  |
| 1         |     | RELEASED FOR PRODUCTION. | 6/30/2017 | RJC      |
|           |     |                          |           | APPROVED |
|           |     |                          |           | JAG      |



| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description             | Material            | B/O INFORMATION OR SPECIFICATIONS               | PG. |
|----------|----------|-----|--------|----------|-------------------------|---------------------|-------------------------------------------------|-----|
|          | X        |     | -1     | 1        | FRAME WELDMENT          |                     |                                                 | 2   |
|          | 1        |     | -3     |          | TUBE                    | STEEL               |                                                 | 3   |
|          | 1        |     | -5     |          | END CAP DOUBLE LEG      | 6061                |                                                 | 4   |
|          | 1        |     | -7     |          | END CAP SINGLE LEG      | 6061                |                                                 | 5   |
|          | 1        |     | -9     |          | SLING PLATE             | 6061                |                                                 | 6   |
|          |          |     | -11    | 2        | CABLE END               | 6061                |                                                 | 7   |
|          |          |     | -13    | 2        | DISC                    | WHITE DELRIN/ACETAL |                                                 | 8   |
|          |          |     | -15    | 2        | KNOB                    | S.S.                |                                                 | 9   |
|          |          |     | -17    | 1        | TUBE                    | 6061                |                                                 | 10  |
|          |          | B/O | -19    | 3        | CABLE ASSEMBLY          | STEEL               | Ø1/4 X 3ft. (MCMaster-CARR #3550T34)            | 1   |
|          |          | B/O | -21    | 3        | JACKET ASSEMBLY         |                     |                                                 | 11  |
|          | X        |     | -23    |          | JACKET                  | POLY 4, ORANGE      | 2-1/2 X 30in (MURDOCK WEBBING Co.)              | 11  |
|          | 1        |     | -25    |          | HOOK AND LOOP           | NYLON               | 5/8 X 24 (MCMaster-CARR #9273K55)               | 11  |
|          |          | B/O | -27    | 1        | SAFETY-PIN SHACKLE      | STEEL               | 5/16 X 17/32, 1600lbs. (MCMaster-CARR #3555T47) | 1   |
|          |          | B/O | -29    | 1        | OR LONG LINK            | STEEL GRD 80        | 1/2 X 2-1/2 X 5 (MCMaster-CARR #3568T42)        | 1   |
|          |          | B/O | -31    | 1        | SNAP HOOK W/LOCK/EYELET | ALUMINUM            | Ø7/16 X 4 (MCMaster-CARR #3293143)              | 1   |
|          |          | B/O | -33    | 2        | HEX HEAD CAP SCREW      | STEEL               | M8 X 1.25 X 45mm (MCMaster-CARR #95327A573)     | 1   |
|          |          | B/O | -35    | 4        | FLAT WASHER             | STEEL               | M8 (MCMaster-CARR #91166A270)                   | 1   |
|          |          | B/O | -37    | 2        | NYLON INSERT LOCKNUT    | STEEL               | M8 X 1.25 (MCMaster-CARR #94645A210)            | 1   |
|          |          | B/O | -39    | 1        | LANYARD                 | COATED STEEL        | Ø1/16 X 10 (CARR LANE #CL-2-C)                  | 1   |
|          |          | B/O | -41    | 2        | FERRULE                 | ALUMINUM            | Ø1/16 X 3/8 (MCMaster-CARR #3896T31)            | 1   |
|          |          | B/O | -43    | 4        | SCREW PIN SHACKLE       | STEEL               | 3/8 PIN X 5/16 (MCMaster-CARR #8494T13)         | 1   |
|          |          | B/O | -47    | 4        | #2 DRIVE SCREW          | STEEL               | #2 X 1/4 (MCMaster-CARR #90081A077)             | 1   |
|          |          | B/O | -49    | 1        | STICKER                 | BLACK CUT VINYL     | SIGNS NOW                                       | 12  |
|          |          | B/O | -51    | 1        | STICKER                 | BLACK CUT VINYL     | SIGNS NOW                                       | 13  |
|          |          | B/O |        | 1        | PLACARD                 | ALUMINUM            | RB41011                                         | 1   |
| ASSY -21 | ASSY -21 |     |        |          |                         |                     |                                                 |     |

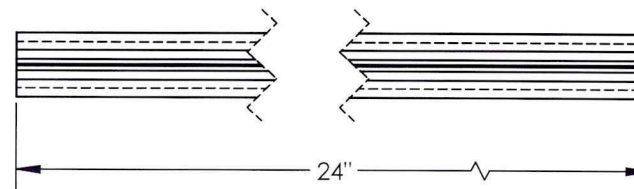
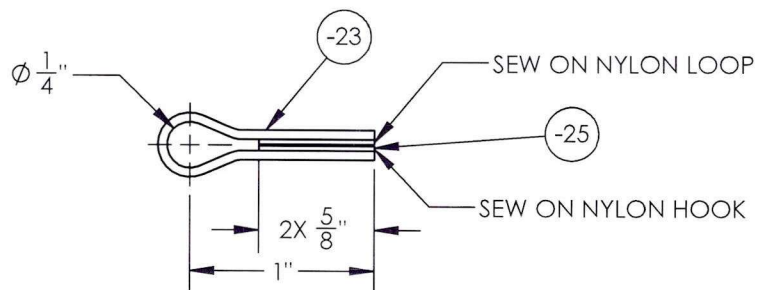
NOTE:  
 1. REFERENCE AGUSTA T/N 8G7110G00131.  
 2. ENGRAVE T/N, S/N, "MADE IN USA", SWL 40Kg.

|                                                      |                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DART</b><br>AEROSPACE                             |                                                                                                                                                                                                                                                                             |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                                                                                                                                                                                                                                             |
| DWG NO. RBW7110G00131-8G                             |                                                                                                                                                                                                                                                                             |
| REV<br>1                                             |                                                                                                                                                                                                                                                                             |
| MAT'L<br>TREAT<br>FINISH<br>SPEC                     | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005 FRACTIONS ± 1/16<br>.XX ± .01 ANGLES ± .5°<br>.X ± .1 SURFACES ± .125<br>1. BREAK ALL SHARP EDGES<br>2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING<br>3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |
| DRAWN BY: RJC 06/09/2017                             | USED ON MODEL                                                                                                                                                                                                                                                               |
| CHECKED: DD 06/13/2017                               | AW189                                                                                                                                                                                                                                                                       |
| OPPS APPR: AA 06/14/2017                             |                                                                                                                                                                                                                                                                             |
| QA APPR: JL 06/28/2017                               |                                                                                                                                                                                                                                                                             |
| APPROVED: JAG 07/03/2017                             |                                                                                                                                                                                                                                                                             |
| SCALE 1:12                                           | DATE 6/9/2017                                                                                                                                                                                                                                                               |
| SHEET 1 OF 14                                        |                                                                                                                                                                                                                                                                             |



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| REV       | ECR | DESCRIPTION | DATE     |
|           |     |             | INITIAL  |
|           |     |             | APPROVED |



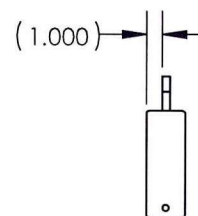
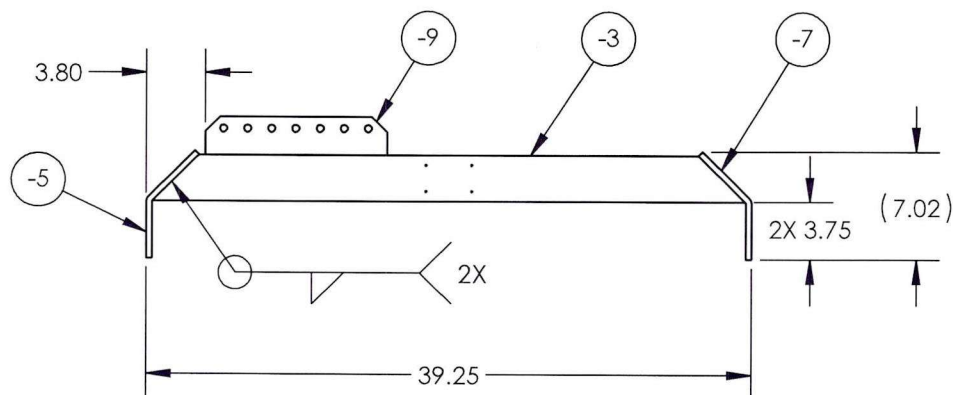
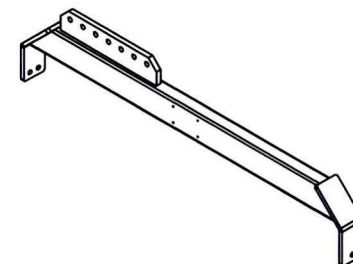
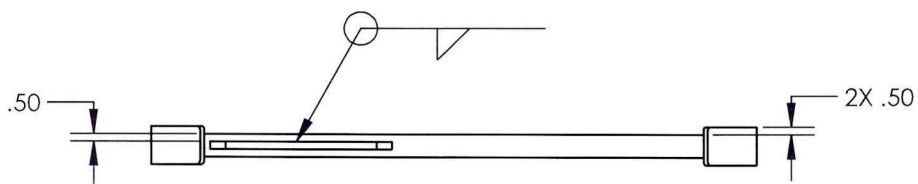
(-21)

JACKET ASSEMBLY

|                                                      |                                                                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                                                                                                           |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                                                                                                           |
| DWG NO.<br>RBW7110G00131-8G-21                       | REV<br>1                                                                                                                                  |
| MAT'L<br>HEAT<br>TREAT<br>FINISH<br>SPEC             | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .010 FRACTIONS ± 1/8<br>.XX ± .03 ANGLES ± 1°<br>.X ± .1 SURFACES = 125° |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R                                                                                           |
| CHECKED: DD 06/13/2017                               | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING                                                                                              |
| OPPS APPR: AA 06/14/2017                             | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009                                                                                          |
| QA APPR: JL 06/28/2017                               | USED ON MODEL                                                                                                                             |
| APPROVED: JAG 07/03/2017                             | AW189                                                                                                                                     |
| SCALE 1:1                                            | DATE 6/9/2017                                                                                                                             |
| SHEET 11 OF 14                                       |                                                                                                                                           |

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|-----------|-----|-------------|--|--|------|---------|----------|
| REV       | ECR | DESCRIPTION |  |  | DATE | INITIAL | APPROVED |

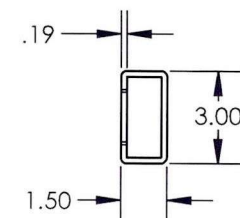
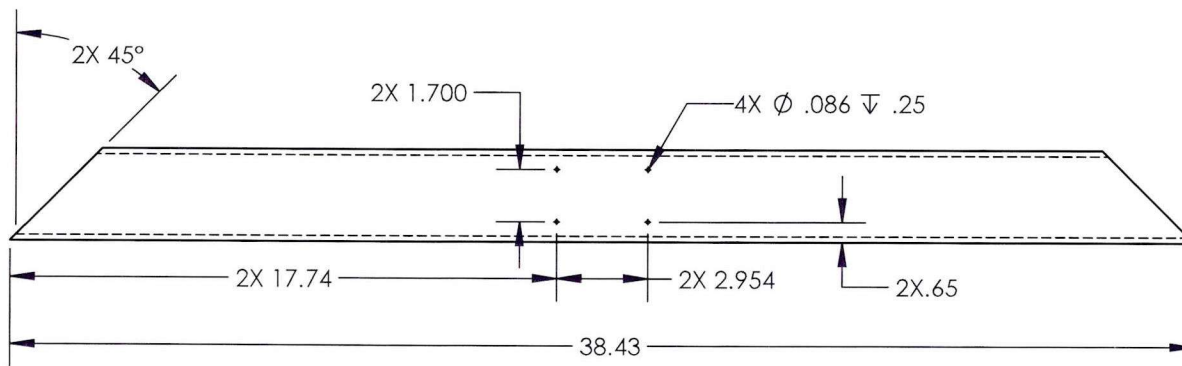
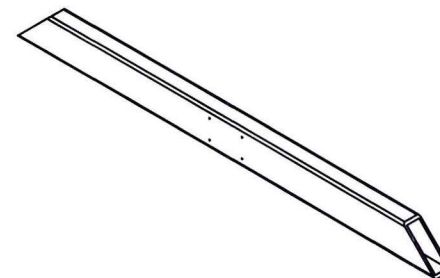


(-1)  
FRAME WELDMENT

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                      |                                               |
| TITLE SLING, REAR SLIDING COWLING LIFTING TOOL |                                               |
| DWG NO. RBW7110G00131-8G-1                     | REV 1                                         |
| MAT'L                                          | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                                     | DIMENSIONS ARE IN INCHES                      |
| FINISH POWDER COAT YELLOW                      | .XXX ± .010 FRACTIONS ± 1/8                   |
| SPEC FED #13538                                | .XX ± .03 ANGLES ± 1°                         |
|                                                | .X ± .1 SURFACES = 125/√                      |
| DRAWN BY: RJC 06/09/2017                       | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R  |
| CHECKED: DD 06/13/2017                         | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING     |
| OPPS APPR: AA 06/14/2017                       | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: JL 06/28/2017                         | USED ON MODEL                                 |
| APPROVED: JAG 07/03/2017                       | AW189                                         |
| SCALE 1:12                                     | DATE 6/9/2017 SHEET 2 OF 14                   |

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|-----------|-----|-------------|------|---------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL |



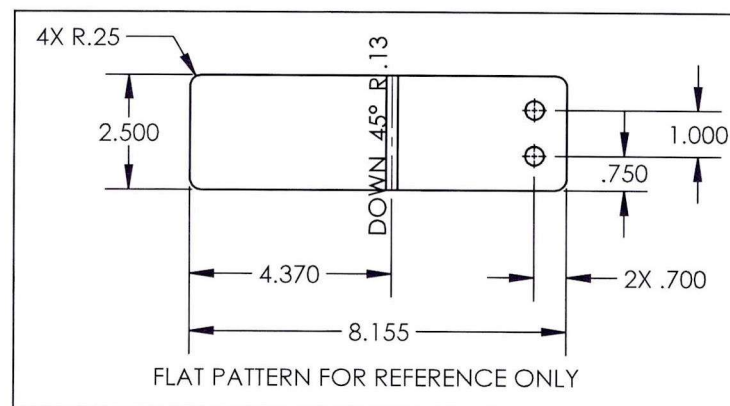
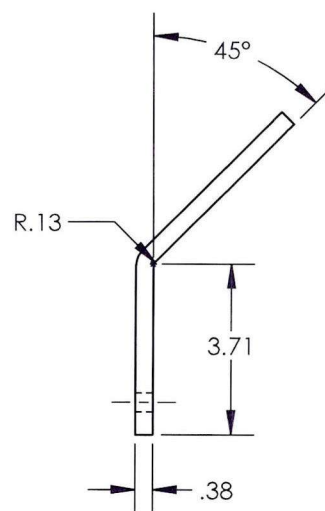
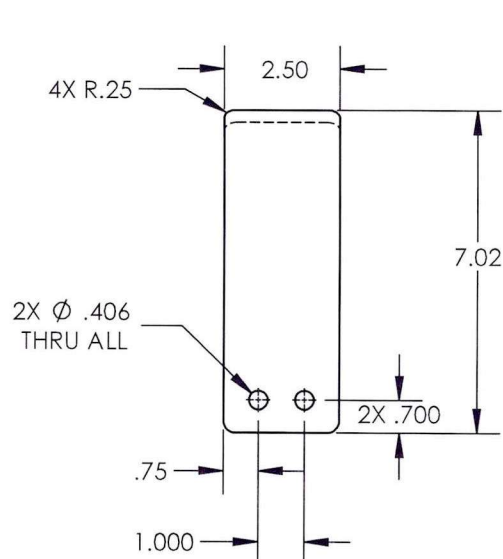
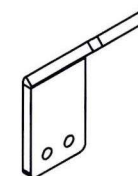
(-3)

TUBE

|                                                      |                                                        |
|------------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                        |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                        |
| DWG NO.<br>RBW7110G00131-8G-3                        | REV<br>1                                               |
| MAT'L STEEL                                          | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT TREAT                                           | .XXX $\pm$ .010 FRACTIONS $\pm$ 1/8                    |
| FINISH SEE -1                                        | .XX $\pm$ .03 ANGLES $\pm$ 1°                          |
| SPEC                                                 | .X $\pm$ .1 SURFACES = 125° ✓                          |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED: DD 06/13/2017                               | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: AA 06/14/2017                             | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: JL 06/28/2017                               | USED ON MODEL                                          |
| APPROVED: JAG 07/03/2017                             | AW189                                                  |
| SCALE 1:6                                            | DATE 6/9/2017                                          |
| SHEET 3 OF 14                                        |                                                        |

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|-----------|-----|-------------|--|--|------|---------|----------|
| REV       | ECR | DESCRIPTION |  |  | DATE | INITIAL | APPROVED |



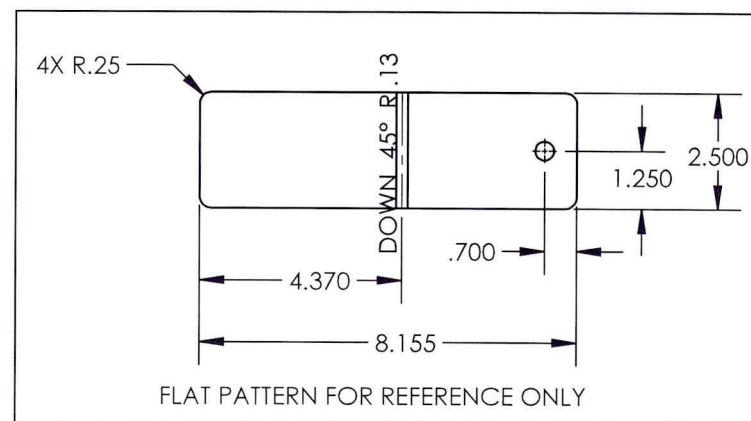
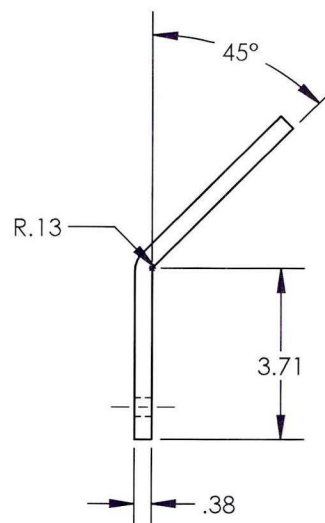
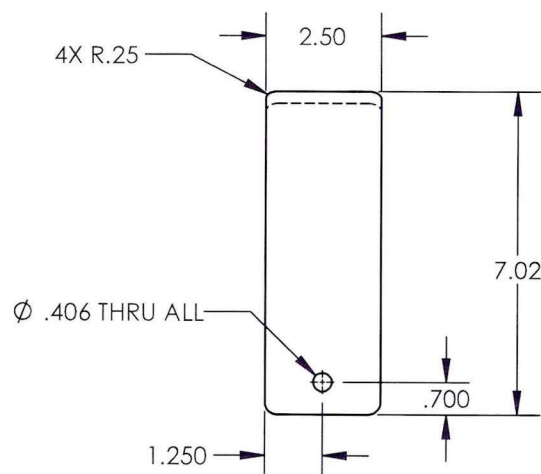
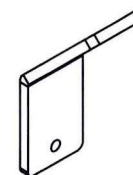
-5-  
END CAP DOUBLE LEG

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                      |                                               |
| TITLE SLING, REAR SLIDING COWLING LIFTING TOOL |                                               |
| DWG NO. RBW7110G00131-8G-5                     | REV 1                                         |
| MAT'L 6061                                     | UNLESS OTHERWISE SPECIFIED                    |
| HEAT TREAT                                     | DIMENSIONS ARE IN INCHES                      |
| FINISH SEE -1                                  | .XXX ± .010 FRACTIONS ± 1/8                   |
| SPEC                                           | .XX ± .03 ANGLES ± 1°                         |
|                                                | .X ± .1 SURFACES = 125/√                      |
| DRAWN BY: RJC 06/09/2017                       | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R  |
| CHECKED: DD 06/13/2017                         | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING     |
| OPPS APPR: AA 06/14/2017                       | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: JL 06/28/2017                         | USED ON MODEL                                 |
| APPROVED: JAG 07/03/2017                       | AW189                                         |
| SCALE 1:4                                      | DATE 6/9/2017                                 |
| SHEET 4 OF 14                                  |                                               |



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| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL  |
|           |     |             |      | APPROVED |

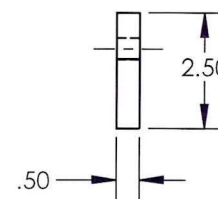
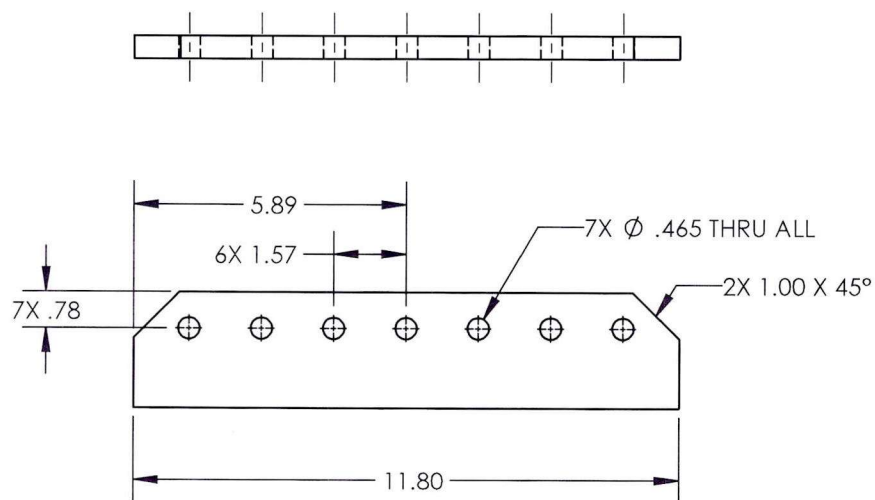
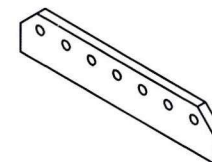


(-7)  
END CAP SINGLE LEG

|                                                |                                                        |
|------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                      |                                                        |
| TITLE SLING, REAR SLIDING COWLING LIFTING TOOL |                                                        |
| DWG NO. RBW7110G00131-8G-7                     | REV 1                                                  |
| MAT'L 6061                                     | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT TREAT                                     | .XXX ± .010 FRACTIONS ± 1/8                            |
| FINISH SEE -1                                  | .XX ± .03 ANGLES ± 1°                                  |
| SPEC                                           | .X ± .1 SURFACES = 125/                                |
| DRAWN BY: RJC 06/09/2017                       | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED: DD 06/13/2017                         | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: AA 06/14/2017                       | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: JL 06/28/2017                         | USED ON MODEL                                          |
| APPROVED: JAG 07/03/2017                       | AW189                                                  |
| SCALE 1:4                                      | DATE 6/9/2017                                          |
| SHEET 5 OF 14                                  |                                                        |

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|-----------|-----|-------------|----------|
| REV       | ECR | DESCRIPTION | DATE     |
|           |     |             | INITIAL  |
|           |     |             | APPROVED |



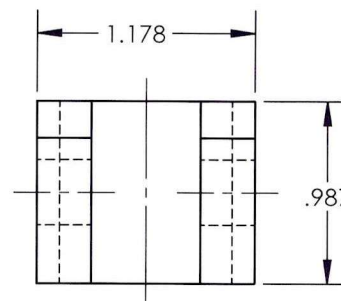
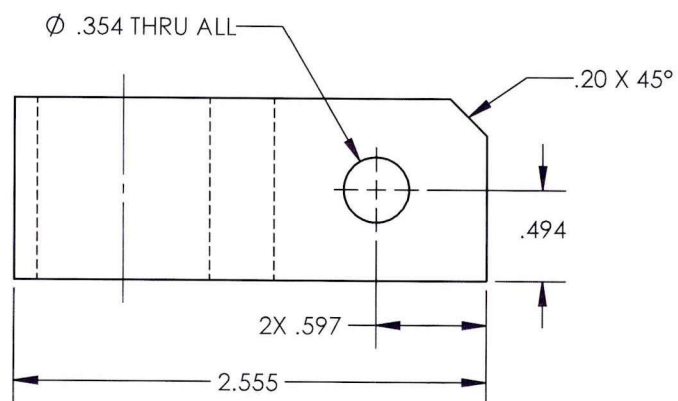
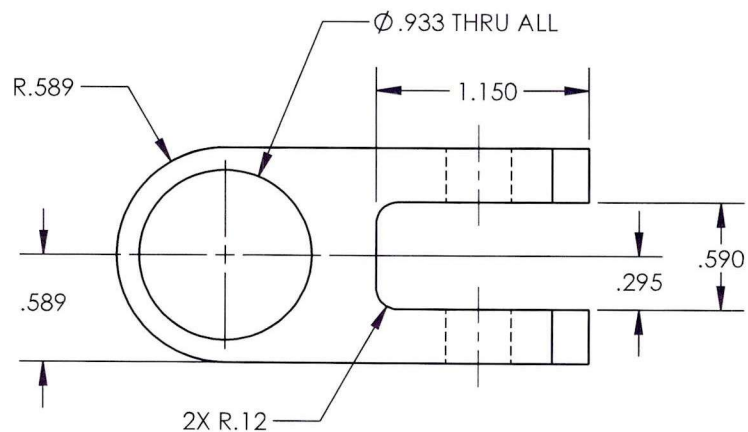
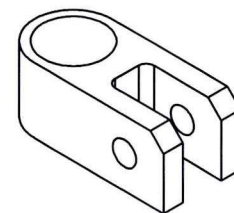
(-9)

SLING PLATE

|                                                      |                              |
|------------------------------------------------------|------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                              |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                              |
| DWG NO.<br>RBW7110G00131-8G-9                        | REV<br>1                     |
| MAT'L 6061                                           | UNLESS OTHERWISE SPECIFIED   |
| HEAT TREAT                                           | DIMENSIONS ARE IN INCHES     |
| FINISH SEE -1                                        | .XXX ± .010 FRACTIONS ± 1/8  |
| SPEC                                                 | .XX ± .03 ANGLES ± 1°        |
|                                                      | .X ± .1 SURFACES = 125/      |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES     |
| CHECKED: DD 06/13/2017                               | .015 x 45° OR .015R          |
| OPPS APPR: AA 06/14/2017                             | 2. DIMENSIONAL LIMITS APPLY  |
| QA APPR: JL 06/28/2017                               | AFTER PLATING                |
| APPROVED: JAG 07/03/2017                             | 3. INTERPRET DIM AND TOL PER |
|                                                      | ASME Y14.5M-2009             |
| SCALE 1:4                                            | USED ON MODEL                |
| DATE 6/9/2017                                        | AW189                        |
|                                                      | SHEET 6 OF 14                |

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|-----------|-----|-------------|------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL  |
|           |     |             |      | APPROVED |



(-11)

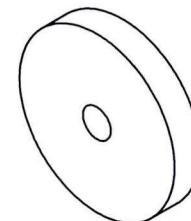
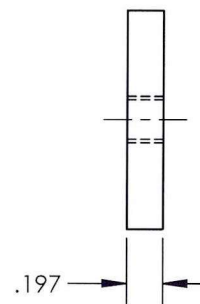
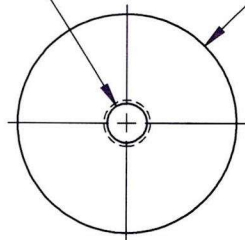
CABLE END

|                                                      |                                                        |
|------------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                        |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                        |
| DWG NO.<br>RBW7110G00131-8G-11                       | REV<br>1                                               |
| MAT'L 6061                                           | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT TREAT                                           | .XXX ± .005 FRACTIONS ± 1/8                            |
| FINISH CLEAR ANODIZE                                 | .XX ± .01 ANGLES ± .5°                                 |
| SPEC MIL-A-8625F, TYPE II, CLASS I                   | .X ± .1 SURFACES = 125/√                               |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES<br>.015 X 45° OR .015R        |
| CHECKED: DD 06/13/2017                               | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: AA 06/14/2017                             | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: JL 06/28/2017                               | USED ON MODEL                                          |
| APPROVED: JAG 07/03/2017                             | AW189                                                  |
| SCALE 1:1                                            | DATE 6/9/2017                                          |
| SHEET 7 OF 14                                        |                                                        |

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| REVISIONS |     |             |          |
|-----------|-----|-------------|----------|
| REV       | ECR | DESCRIPTION | DATE     |
|           |     |             | INITIAL  |
|           |     |             | APPROVED |

1/4-28 UNF - 2B THRU ALL  $\varnothing 1.185$



(-13)

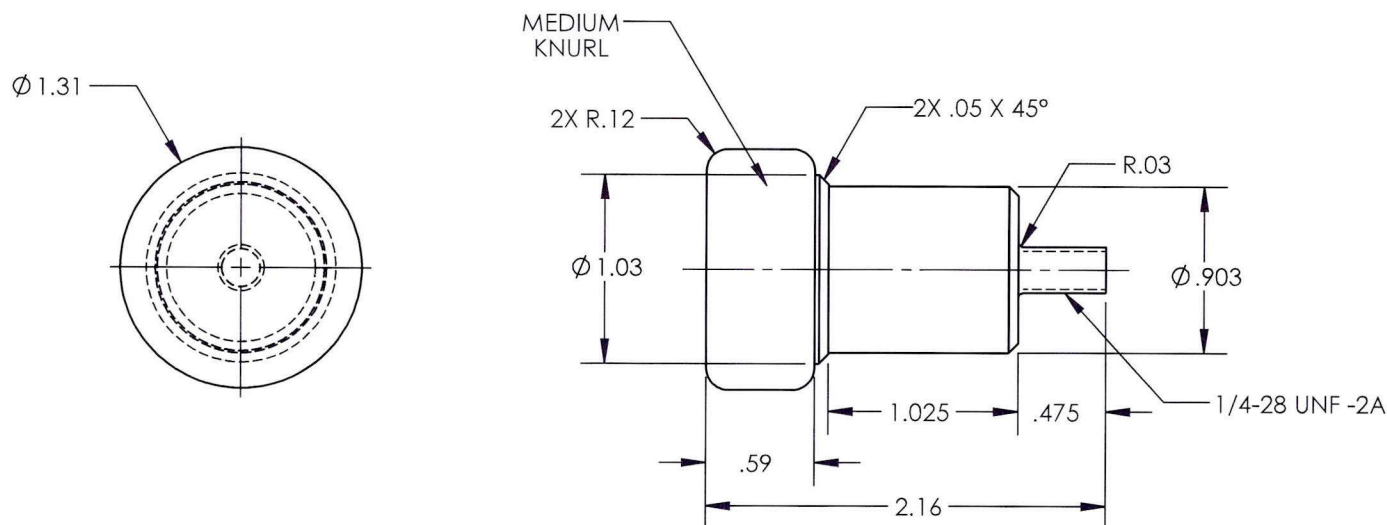
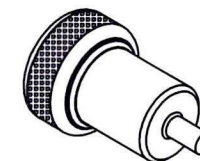
DISC

|                                                      |                                                        |
|------------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                        |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                        |
| DWG NO.<br>RBW7110G00131-8G-13                       | REV<br>1                                               |
| MAT'L WHITE DELRIN/ACETAL                            | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT                                                 | .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8                    |
| TREAT                                                | .XX $\pm$ .01 ANGLES $\pm$ 5°                          |
| FINISH                                               | .X $\pm$ .1 SURFACES = 125/                            |
| SPEC                                                 | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| DRAWN BY: RJC 06/09/2017                             | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| CHECKED: DD 06/13/2017                               | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| OPPS APPR: AA 06/14/2017                             | USED ON MODEL                                          |
| QA APPR: JL 06/28/2017                               | AW189                                                  |
| APPROVED: JAG 07/03/2017                             |                                                        |
| SCALE 1:1                                            | DATE 6/9/2017 SHEET 8 OF 14                            |



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| REVISIONS |     |             |  |  |      |         |          |
|-----------|-----|-------------|--|--|------|---------|----------|
| REV       | ECR | DESCRIPTION |  |  | DATE | INITIAL | APPROVED |



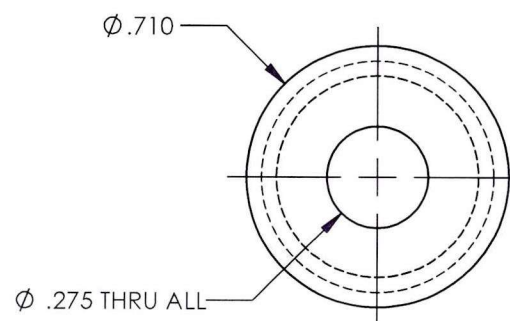
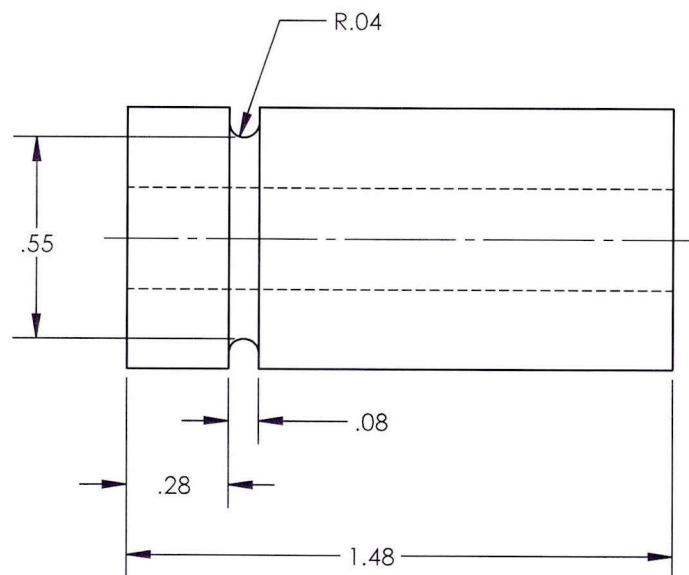
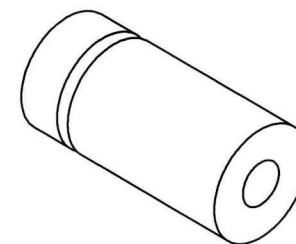
(-15)

KNOB

|                                                      |                                                        |
|------------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                        |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                        |
| DWG NO.<br>RBW7110G00131-8G-15                       | REV<br>1                                               |
| MAT'L S.S.                                           | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT TREAT                                           | .XXX ± .005 FRACTIONS ± 1/8                            |
| FINISH                                               | .XX ± .01 ANGLES ± 5°                                  |
| SPEC                                                 | .X ± .1 SURFACES = 125/                                |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED: DD 06/13/2017                               | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: AA 06/14/2017                             | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: JL 06/28/2017                               | USED ON MODEL                                          |
| APPROVED: JAG 07/03/2017                             | AW189                                                  |
| SCALE 1:1                                            | DATE 6/9/2017 SHEET 9 OF 14                            |

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| REVISIONS |     |             |  |  |      |         |          |
|-----------|-----|-------------|--|--|------|---------|----------|
| REV       | ECR | DESCRIPTION |  |  | DATE | INITIAL | APPROVED |



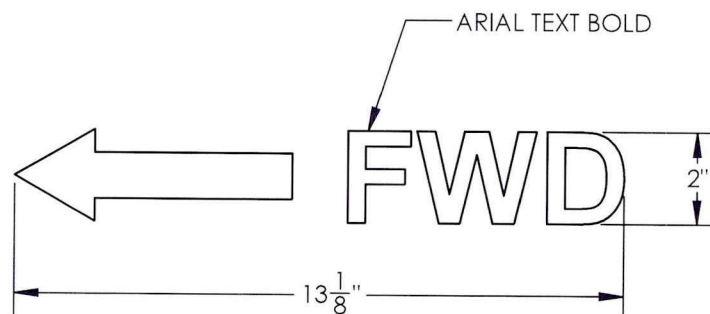
(-17)

TUBE

|                                                   |                                                        |
|---------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                         |                                                        |
| TITLE SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                        |
| DWG NO. RBW7110G00131-8G-17                       | REV 1                                                  |
| MAT'L 6061                                        | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| HEAT TREAT                                        | .XXX ± .005 FRACTIONS ± 1/8                            |
| FINISH RED ANODIZE                                | .XX ± .01 ANGLES ± 5°                                  |
| SPEC MIL-A-8625F, TYPE II, CLASS II               | .X ± .1 SURFACES = 125/✓                               |
| DRAWN BY: RJC 06/09/2017                          | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED: DD 06/13/2017                            | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: AA 06/14/2017                          | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: JL 06/28/2017                            | USED ON MODEL                                          |
| APPROVED: JAG 07/03/2017                          | AW189                                                  |
| SCALE 2:1                                         | DATE 6/9/2017 SHEET 10 OF 14                           |

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| REVISIONS |     |             |      |         |          |
|-----------|-----|-------------|------|---------|----------|
| REV       | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |



(-49)  
STICKER

|                                                      |                                                        |
|------------------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                        |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                        |
| DWG NO.<br>RBW7110G00131-8G-49                       | REV<br>1                                               |
| MAT'L BLACK CUT VINYL                                | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| TREAT                                                | .XXX ± .010 FRACTIONS ± 1/8                            |
| FINISH                                               | .XX ± .03 ANGLES ± 1°                                  |
| SPEC                                                 | .X ± .1 SURFACES = 125/✓                               |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED: DD 06/13/2017                               | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR: AA 06/14/2017                             | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR: JL 06/28/2017                               | USED ON MODEL                                          |
| APPROVED: JAG 07/03/2017                             | AW189                                                  |
| SCALE 1:4                                            | DATE 6/9/2017 SHEET 12 OF 14                           |

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| REVISIONS |     |             |                       |
|-----------|-----|-------------|-----------------------|
| REV       | ECR | DESCRIPTION | DATE INITIAL APPROVED |

ARIAL TEXT

1"

MAXIMUM LOAD 40 Kg

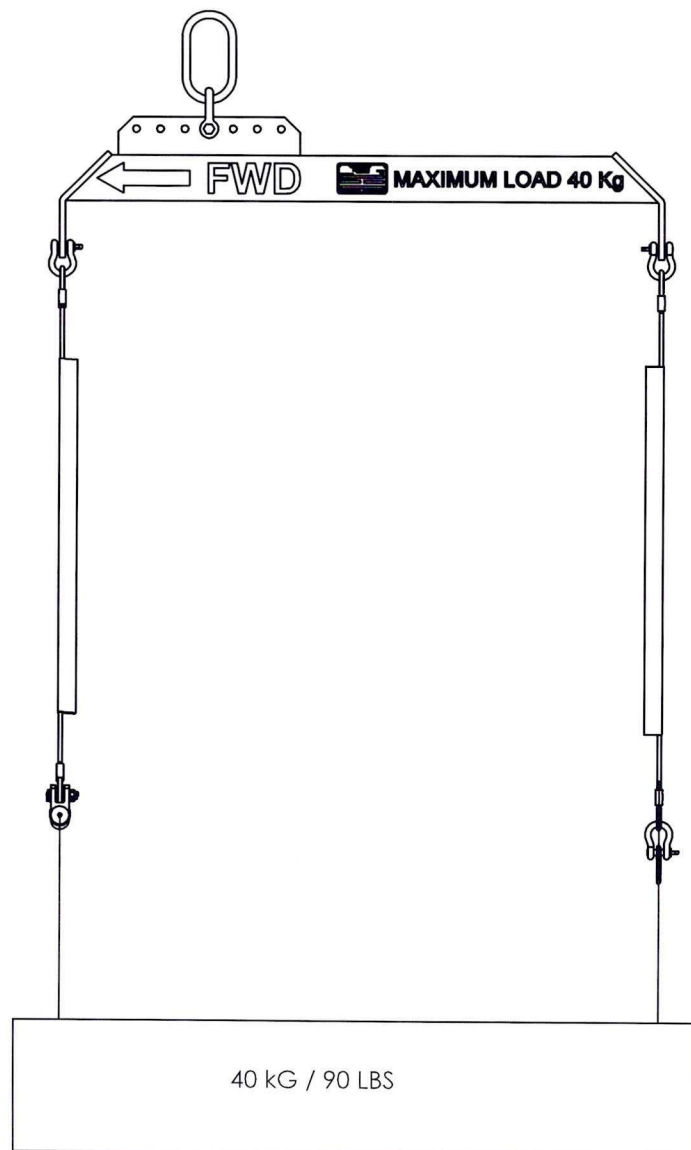
14 <sup>3</sup>/<sub>4</sub>"

(-51)

STICKER

|                                                      |                                                  |
|------------------------------------------------------|--------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                            |                                                  |
| TITLE<br>SLING, REAR SLIDING<br>COWLING LIFTING TOOL |                                                  |
| DWG NO.<br>RBW7110G00131-8G-51                       | REV<br>1                                         |
| MAT'L BLACK CUT VINYL                                | UNLESS OTHERWISE SPECIFIED                       |
| HEAT                                                 | DIMENSIONS ARE IN INCHES                         |
| TREAT                                                | .XXX ± .010 FRACTIONS ± 1/8                      |
| FINISH                                               | .XX ± .03 ANGLES ± 1°                            |
| SPEC                                                 | .X ± .1 SURFACES = 125/                          |
| DRAWN BY: RJC 06/09/2017                             | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R  |
| CHECKED: DD 06/13/2017                               | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING     |
| OPPS APPR: AA 06/14/2017                             | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |
| QA APPR: JL 06/28/2017                               | USED ON MODEL                                    |
| APPROVED: JAG 07/03/2017                             | AW189                                            |
| SCALE 1:2                                            | DATE 6/9/2017 SHEET 13 OF 14                     |

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INSPECTION & TESTING PROCEDURES FOR THE RBW7110G00131-8G, SLING, REAR SLIDING COWLING LIFTING TOOL. THIS SLING IS DESIGNED FOR HOISTING AND INSTALLING/REMOVING THE AW189 COWLING. THIS SLING ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

#### FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, PLACE SLING ASSEMBLY ON AN OVERHEAD LIFTING DEVICE. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT OF 40Kg / 90 LBS.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, DISTORTION OR DAMAGED/FRAYED STRAPS.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, DISTORTIONS OR DAMAGED/FRAYED STRAPS.

INSPECTOR: \_\_\_\_\_

TESTER: \_\_\_\_\_

S.N.: \_\_\_\_\_

DATE: \_\_\_\_\_

**DART**  
AEROSPACE

190 S. Danebo Ave., Eugene, OR. 97402  
1-800-556-4166  
e-mail: sales@dartaero.com  
dartaerospace.com

|                                          |          |                 |  |
|------------------------------------------|----------|-----------------|--|
| TITLE                                    |          |                 |  |
| SLING, REAR SLIDING COWLING LIFTING TOOL |          |                 |  |
| DWG NO.                                  | REV      | CUSTOMER 1 OF 1 |  |
| RBW7110G00131-8G                         | 1        |                 |  |
| SCALE                                    | DATE     | SHEET           |  |
| 1:12                                     | 6/9/2017 | 14 OF 14        |  |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO042193



**Supplier:** MEM001-VC  
Metec Metal Technology Inc.  
20 Terry Fox Drive PO Box 781  
Vankleek Hill  
ON  
K0B 1R0 Canada  
Phone: 613 678 3957  
Fax: 613 678 3956

**Attention:** Walz, Shigi

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO042193

**PO Date:** 1/7/19

**Due Date:** 3/4/19

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pynt Terms:** Net 60

**Freight Terms:**

**Special Comments:**

| Items     |        |                   |                  |         |                                                |          |         |          |                |                   |         |                  |                         |
|-----------|--------|-------------------|------------------|---------|------------------------------------------------|----------|---------|----------|----------------|-------------------|---------|------------------|-------------------------|
| Line Item | Job    | Part              | Supplier Part No | Item No | Description                                    | Status   | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price          |
| 1         | 188300 | RBW7110G00131-8GP |                  |         | Sling, Rear Sliding Cowling Lifting Tool REV 1 | Firmed - |         | 3/4/19   | 1 Ea           | 0 Ea              | 1 Ea    | \$1,600.00/Ea    | \$1,600.00              |
|           |        |                   |                  |         |                                                |          |         |          |                |                   |         |                  | Grand Total: \$1,600.00 |

### Order Notes

Procurement Quality Clauses  
 A005 RIGHT OF ENTRY  
 A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)  
 A012 CHEMICAL AND PHYSICAL TEST REPORTS  
 A016 PERSONNEL QUALIFICATION  
 A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)  
 A026 CERTIFICATION OF MATERIAL CONFORMANCE  
 A041 QUALITY MANAGEMENT SYSTEM  
 A042 DART NOTIFICATION BY SUPPLIER  
 A043 RETENTION OF QUALITY DOCUMENT  
  
 A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM  
 A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 1/7/19 2:43 PM dart.Lussier.Patrick

## Packing List

**Bill** Dart Aerospace Ltd.  
**To:** 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Canada

**Ship**  
**To:** 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Canada

**Shipment No:** 24796  
**Shipment Date:** 07-Mar-2019  
**Ship Via:** Pick up at METEC  
**Order Number:** 3348  
**Order Date:** 01/07/19

**Customer Code:** DART  
**Phone:** (613) 632-9577  
**PO Number:** PO042193  
**Terms:** Net 60 Days

| Quantity |      |         |     |          |      |                                                                 |          | Job     |
|----------|------|---------|-----|----------|------|-----------------------------------------------------------------|----------|---------|
| Item     | Open | Shipped | B/O | Canceled | Unit | Description                                                     | Revision | Number  |
| 1        | 1    | 1       | 0   | 0        | EA   | DART-RBW7110G00131-8GP SLING, REAR SLIDING COWLING LIFTING TOOL | 1        | 3348-01 |

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 [metec@metec.ca](mailto:metec@metec.ca)

## CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, Ont.  
K6A 1K7

SHIPPED TO:

same

Quantity

Part Number

Part Name

Dwg  
Rev.#

P.O. Number

1

DART-RBW7110G00131-8GP

SLING, REAR SLIDING  
COWLING LIFTING TOOL

1

42193

DAS  
40  
9-89

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

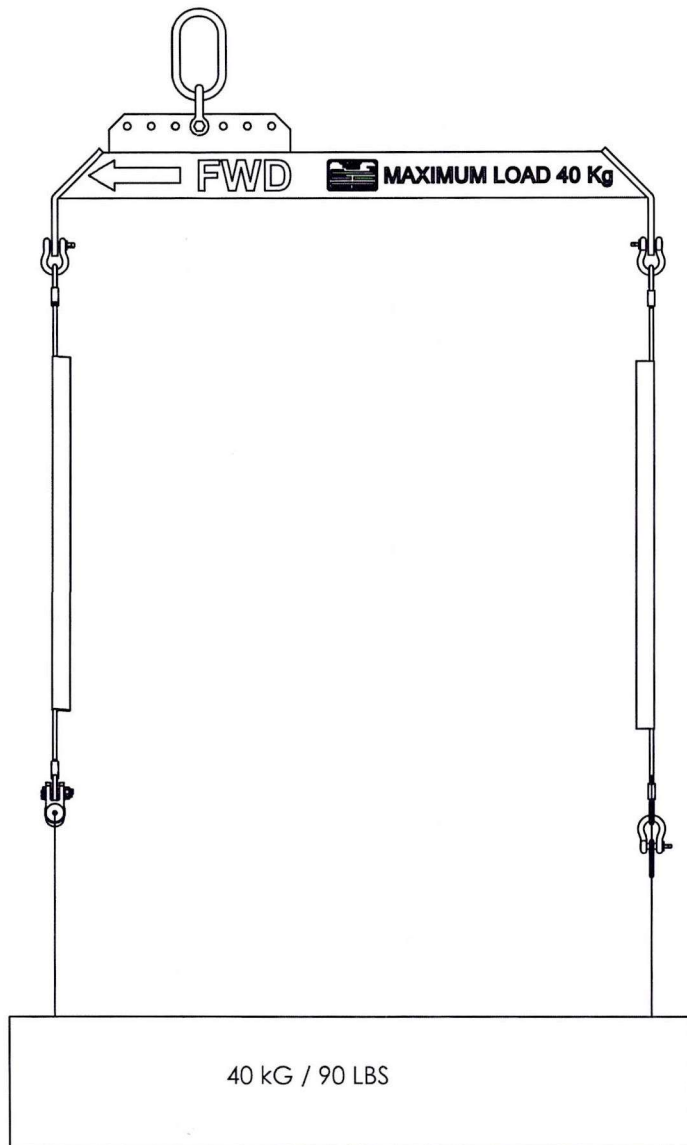
METEC Metal Technology Inc.

George Theoret

Vankleek Hill, March 7, 2019



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INSPECTION & TESTING PROCEDURES FOR THE RBW7110G00131-8G, SLING, REAR SLIDING COWLING LIFTING TOOL. THIS SLING IS DESIGNED FOR HOISTING AND INSTALLING/REMOVING THE AW189 COWLING. THIS SLING ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

#### FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, PLACE SLING ASSEMBLY ON AN OVERHEAD LIFTING DEVICE. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT OF 40Kg / 90 LBS.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, DISTORTION OR DAMAGED/FRAYED STRAPS.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, DISTORTIONS OR DAMAGED/FRAYED STRAPS.

**DAS**  
**40**  
**9-89**

INSPECTOR: Joey Ag...

TESTER: George Knott

S.N.: PO 042193

DATE: March 7/2019

**DART**  
**AEROSPACE**

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dartaerospace.com

|                 |                  |                                          |          |
|-----------------|------------------|------------------------------------------|----------|
| TITLE           |                  | SLING, REAR SLIDING COWLING LIFTING TOOL |          |
| DWG NO.         | RBW7110G00131-8G | REV                                      | 1        |
| SCALE           | 1:12             | DATE                                     | 6/9/2017 |
| CUSTOMER 1 OF 1 |                  | SHEET 14 OF 14                           |          |